

M 4.2, 5 km E of Capulin, New Mexico

Origin Time: 2021-07-12 15:33:35 UTC (Mon 09:33:35 local)
Location: 36.2268° N 106.7481° W Depth: 13.5 km

Created: 1 week, 0 days after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



Estimated Economic Losses

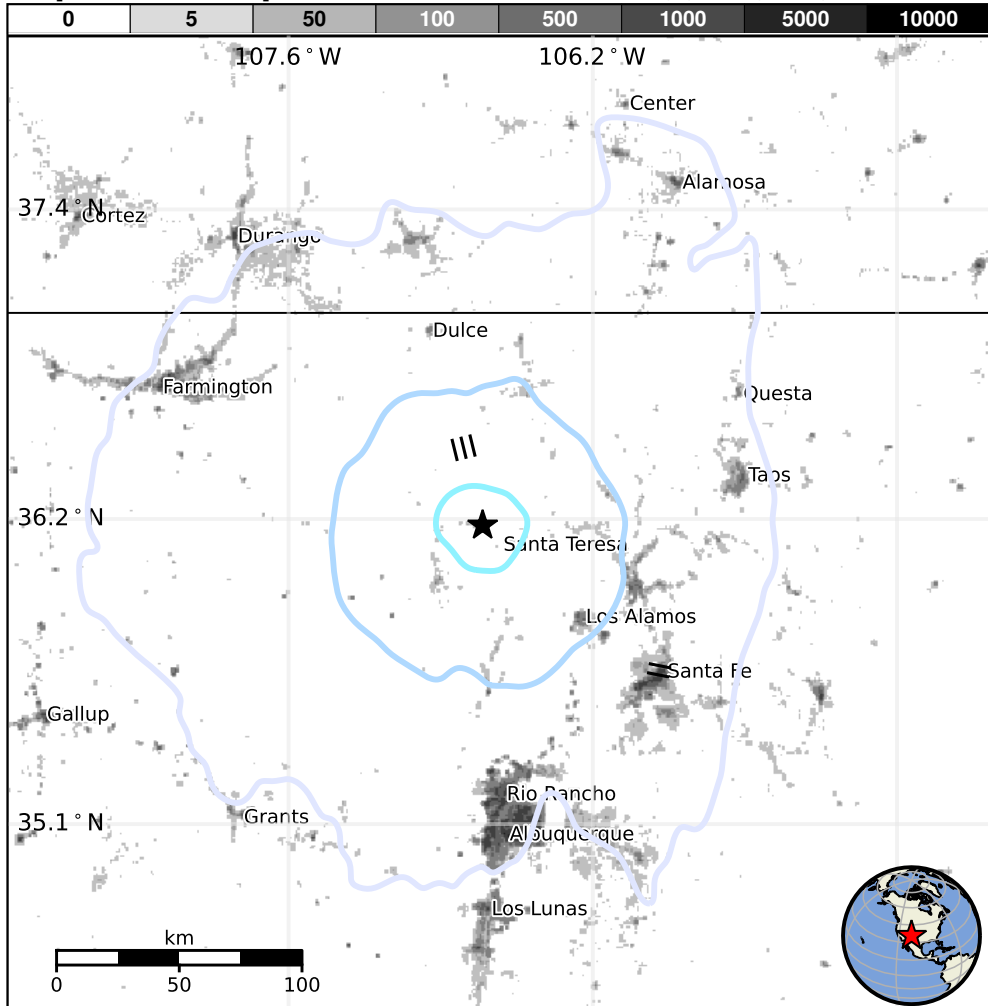


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		404k*	1,202k	1k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2005-08-10	192	5.0	V(4k)	—
2001-09-05	215	4.5	V(11k)	—

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Santa Teresa	3k
III	Los Alamos	12k
III	Espanola	10k
III	Ohkay Owingeh	1k
III	Tierra Amarilla	0
III	Jemez Pueblo	2k
II	Santa Fe	68k
II	Enchanted Hills	88k
II	Rio Rancho	88k
II	Albuquerque	546k
II	Farmington	46k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.
<https://earthquake.usgs.gov/earthquakes/eventpage/us6000eumz#pager>

bold cities appear on map.

(k = x1000)

Event ID: us6000eumz